

**U.S. Department of Energy
Materials Management
U.S. Nuclear Regulatory Commission**

Line of Inquiry and source		Compliance				
		No	Yes	N/A	Findings/observation	Comments
1.0	Licensee Information					
1.1	Licensee address, contact and phone number					
1.2	License number and issuing agency					
1.3	Last amendment number and date					
1.4	Expiration date of license					
1.5	Current radiation safety officer (RSO) authorized on license [License condition (L/C)]					
1.6	Current authorized users identified on license (L/C)					
1.7	Licensed quantities are adequate for the facility to receive U.S. Department of Energy (DOE) wastes					
1.8	Briefly describe the scope of activities conducted at the facility involving radioactive material, including average range of in-house isotopic inventory, types of wastes received and treatment/disposal capabilities, and significant facility or program features					
2.0	Audit History					
2.1	Findings regarding radiological controls and/or radioactive material handling identified during last audit					

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2.2	Open findings from previous audits					
2.3	Previous findings not corrected or repeated					
3.0	Program Organization/Scope					
3.1	Briefly describe the radiation protection organizational structure, including staff size					
3.2	Licensee audits, reviews, or inspections, including at least annual review of the program content and implementation [10 CFR 20.1101(c)] are conducted as required by L/C with records maintained (10 CFR 20.2102).					
3.3	The RSO is qualified for the position and fulfills the duties effectively					
4.0	Personnel Radiation Protection					
4.1	The radiation protection program is implemented per (10 CFR 20.1101), and the level of employee compliance is acceptable					
4.2	The licensee performed an exposure evaluation [10 CFR 20.1501(a)]					
4.3	The licensee monitors worker external exposure [10 CFR 20.1502(a), L/C]					

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4.4	The dosimetry supplier is National Voluntary laboratory Accreditation Program (NVLAP)-approved [10 CFR 20.1501(c)], and dosimetry information is exchanged at the required frequency (L/C)					
4.5	Licensee monitors worker internal exposure 10 CFR 20.1502(b) and L/C					
4.6	Briefly describe licensee's program for monitoring and controlling internal exposures (10 CFR 20.1701, 1702, and L/C)					
4.7	There is adequate determination of internal exposure (L/C, 10 CFR 20.1204)					
4.8	A program is in place for maintaining declared pregnant worker dose in compliance with 10 CFR 20.1208 and records maintained [10 CFR 20.2106(e)]					
4.9	Respiratory protection equipment is supplied (10 CFR 20.1703 and L/C)					
4.10	The total effective dose equivalents (TEDE) and total organ dose equivalent (TODE) within limits (10 CFR 20.1201 and 1202)					
5.0	Instructions to Workers, Training and Retraining					

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5.1	A training/retraining program has been implemented (L/C) and records are maintained (10 CFR 20.2102) (L/C)					
5.2	Briefly describe training program					
5.3	There are instructions to workers (10 CFR 19.12)					
5.4	Workers= demonstrated understanding of radiological controls and radioactive material handling procedures, emergency procedures, and use of instrumentation is adequate [10 CFR 19.12, 20.1101(a)]					
6.0	Facilities					
6.1	Briefly describe the facilities regarding areas of use and storage, access control, security, control devices and alarms, administrative/engineering control of personnel and material, and special equipment such as HEPA filtration units					
6.2	Licensed material is secure from unauthorized access or removal (10 CFR 20.1801, 1802, L/C)					
6.3	There is adequate fire protection [10 CFR 30.33(2), 40.32(c), L/C]					
7.0	Materials					

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7.1	The isotope, chemical form, quantity, and use are as authorized (L/C) with the inventory verifiable using the radioactive material tracking system					
7.2	Leak tests of adequate analysis methodology and sensitivity are performed and records are maintained as required by L/C (L/C)					
7.3	All materials from potentially radioactive sites are segregated and evaluated as radioactive material [10 CFR 20.1906(e)]					
8.0	Radiation Surveys					
8.1	Briefly describe area survey requirements [10 CFR 20.1501(a), L/C]					
8.2	Appropriate, operable/calibrated survey instrumentation is readily accessible [L/C, 10 CFR 20.1501(b)]					
8.3	Instrument and equipment calibration records are maintained [10 CFR 20.2103(a)]					
8.4	Surveys are performed as required [10 CFR 20.1501(a), L/C]					
8.5	Corrective action is taken and documented for identified radiological conditions not in compliance with regulatory and/or license requirements [10 CFR 20.150(a)(1), 20.1101]					

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8.6	Survey records are maintained (10 CFR 20.2103)					
9.0	Protection of Members of the Public					
9.1	Licensee made adequate surveys in compliance with 10 CFR 20.1302					
9.2	Records are maintained according to 10 CFR 20.2103 and 2107					
9.3	The facility's documented "No Rad Added" policy is adequate and properly implemented for release of materials off-site					
10.0	Radioactive Waste Effluents					
10.1	Airborne releases are monitored, evaluated, and controlled [10 CFR 20.1501(a) and 1701]					
10.2	Sanitary sewer discharge is authorized under the current permit from a cognizant local/state authority					
10.3	Effluent released to the sanitary sewer meets provisions of 10 CFR 20.2003					
10.4	Procedures are implemented for proper control of effluents (10 CFR 20.1201, 1301, 1501, 2001, L/C)					
11.0	Radioactive Waste Management and Disposal					
11.1	Briefly describe the disposition for all					

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radioactive/mixed waste streams by listing waste type with disposition, including name of company/facility receiving waste, and any treatment process used						
11.2	Personnel are trained in waste management, shipping and handling, and radioactive material control (49 CFR 172 Subpart H)					
11.3	The radioactive material tracking system is capable of accounting for all DOE material from receipt through disposition, including digestates and extracts					
11.4	Waste packaging, control, and tracking is in accordance with 10 CFR 20.2006(d), Appendix F III					
11.5	Decay-in-storage is implemented in accordance with approved procedures (L/C)					
11.6	Disposed material container labels are removed or defaced [10 CFR 20.1904(b)]					
11.7	Waste shipments are transferred to qualified facility/person specifically licensed to receive waste [10 CFR 30.41, 20.2001(b)]					
11.8	Records of surveys and accountability are maintained (10 CFR 2108)					
12.0	Receipt and Transfer of Radioactive Material					
12.1	Briefly describe how shipments are received and by					

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whom, including administrative control(s) of material into the facility (APermission to Ship@)						
12.2	Written package opening procedures are established and followed [10 CFR 20.1906(e)]					
12.3	Incoming shipments are surveyed according to 10 CFR 20.1906(b)(2)					
12.4	Transfer(s) between licensees are performed according to 10 CFR 30.41					
13.0 Transportation						
13.1	Licensee shipments are conducted in accordance with 10 CFR 71.5(a) and 49 CFR 170B189					
13.2	Shipping papers are complete according to 49 CFR 172.200B204					
13.3	The facility has all the current permits necessary for transportation and disposal					
14.0 Posting and Labeling						
14.1	Posting of notices to workers is in accordance with 10 CFR 19.11					
14.2	Other posting and labeling is done according to 10 CFR 20.1902 and 1904, and the licensee is not					

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exempted by 10 CFR 20.1903 or 1905						
15.0	Record keeping for Decommissioning					
15.1	Records of information important to the safe and effective decommissioning of the facility are maintained in an independent and identifiable location until license termination [10 CFR 30.35(g)]					
15.2	Proof of financial assurance is available.					